

We claim:

1. A mounting plate (1) having one or more parts for indirectly or directly attaching a tester (2; test head) for electronic components on the one side and a handler (3) for electronic components on the other side, characterized in that it comprises at least a single plate (4) on the side of the tester and a single plate (5) on the side of the handler or three or more single plates which are slidable against each other in the x and/or y and/or z direction and are lockable.
2. The mounting plate according to one or more of the preceding claims, characterized in that the slidability of the single plates (4, 5) of the mounting plate (1) against each other is effected by one or more roller or sliding bearings, ball bearing bushes, sliding guides, guide rollers, linear bearings, linear guides, radial bearings, air bearings or hydraulic bearings.
3. The mounting plate (1) according to one or more of the preceding claims, characterized in that for oppositely positioning the single plates (4, 5) it comprises one or more apertured plates (6) fixedly or slidably and lockably attached to one of the single plates (4 or 5) with which one or more locking means (7) mounted on the other single plate (4 or 5) engage reversibly.
4. The mounting plate (1) according to one or more of the preceding claims, characterized in that the apertured plate (6) can be exchanged, with the distances and locations of the bores of this apertured plate (6) corresponding to the distances and locations of the plungers or contact sites of the handler (3) such that by simply changing a hole within the same apertured plate (6) the central contact base(s) (15) of the tester (2) can be centered above the active plunger(s) of the handler (3), and, if the handler (3) is changed, with

the original apertured plate (6) being exchangeable for an apertured plate (6) adjusted to the plunger distances and plunger locations of the new handler (3).

- 5 5. The mounting plate (1) according to one or more of the preceding claims, characterized in that the at least one apertured plate (6) is supported adjustably in the x and/or y and/or z direction and can be locked.
- 10 6. The mounting plate (1) according to one or more of the preceding claims, characterized in that the at least one locking device (7) is built as a spring-loaded or not spring-loaded positioning pin, a snap mechanism, a clip-on mechanism or a press-on piece.
- 15 7. The mounting plate (1) according to one or more of the preceding claims, characterized in that it comprises a self-locking height adjustment (8) acting at least in the y direction for the sliding single plate (4) carrying a tester (2) such that in case the locking device (7) is unlocked, an unintended sinking of the sliding single plate (4) on
20 the side of the tester with the tester (2) attached thereto can be avoided.
- 25 8. The mounting plate (1) according to one or more of the preceding claims, characterized in that the self-locking height adjustment (8) acting in the y direction can be built as an electric, hydraulic, pneumatic or mechanic adjustment device or a spindle mechanism, rack mechanism, a belt, a chain or in the form of straps, ropes or Bowden cables.
- 30 9. The mounting plate (1) according to one or more of the preceding claims, characterized in that it comprises a safety means which

allows the single plates (4, 5) to slide in opposite directions only after it has been deactivated.

10. The mounting plate (1) according to one or more of the preceding claims, characterized in that the slidability of the single plates (4, 5) against each other is performed manually and/or hydraulically and/or pneumatically and/or electrically and/or mechanically.

11. The mounting plate (1) according to one or more of the preceding claims, characterized in that on the single plate (4) on the side of the tester one or more docking devices (9) can be reversibly or irreversibly mounted for attaching and positioning the tester (2; test head) to the single plate (4) on the side of the tester.

12. The mounting plate (1) according to one or more of the preceding claims, characterized in that the single plate (4) on the side of the tester includes two or more recesses (10), bores with or without threads, structures, adapters, hooks or connecting links for reversibly attaching docking means (9) having two or more parts or for directly attaching a tester (2).

13. The mounting plate (1) according to one or more of the preceding claims, characterized in that the single plate (4) on the side of the tester includes a central, round or polygonal recess (11) for reversibly, indirectly or directly receiving a device under test board (12) acting between the tester (2) and the handler (3).

14. The mounting plate (1) according to one or more of the preceding claims, characterized in that a device under test board support (13) adapted on the outside to the shape of the recess (11) and on the inside to the shape of the device under test board (12) can be inserted

in a reversible as well as loosely fitting or substantially gastight manner into the recess (11) of the single plate (4) on the side of the tester.

15. The mounting plate (1) according to one or more of the preceding
5 ing claims, characterized in that the device under test board support (13) is developed to be annular, strut-shaped, grid-shaped, square, rectangular or polygonal as well as electrically insulating.

16. The mounting plate (1) according to one or more of the preceding
10 ing claims, characterized in that the single plate (5) on the side of the handler side includes a recess (14) centered in the middle for receiving and/or guiding the plunger(s) (15) of the handler (3).

17. The mounting plate (1) according to one or more of the preceding
15 ing claims, characterized in that the adjustability of the one or more single plates (4, 5) can be performed in the z direction to make the area on the side of the handler of the contact base of the tester (2) lie against the back panel of the handler (3).